Bapuji Institute of Engineering & Technology

Accredited by NAAC with 'A' Grade
Department of Electrical & Electronics Engineering
Accredited by NBA

The Official Department Newsletter
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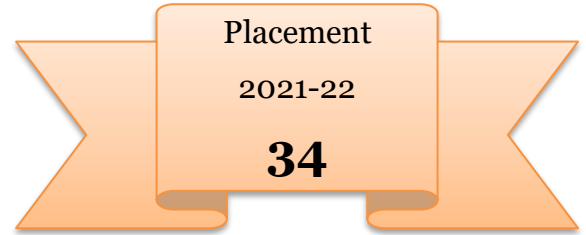
MESSAGE FROM HOD'S DESK

We are happy to bring out our department E-Forum Newsletter, which showcases all the activities of the Department. I congratulate team for their continuous effort.

Dr .M. S .NAGARAJ   Program Coordinator

Placement
2021-22
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VISION

To train globally competent quality students in Electrical Engineering through excellent academic inputs, innovative ideas and team work"

MISSION

M1: To enhance the quality of life of   students through Continuous learning & state-of-the-art technical education

M2: To meet the long term needs of the industry & society

M3: To inculcate leadership qualities & ethical values

M4: To serve the Community for the socio economic developments

ABOUT THE DEPARTMENT

The Department of Electrical & Electronics Engineering was started in the year 1979 with an intake of 40 students. Now the department has academic programme with an intake of 60. Department is duly recognized and accredited By National Board of Accreditation, AICTE, New Delhi and The Institution of Engineers (India), Kolkata.

The Department of Electrical Engineering, which has renowned as well as young and dynamic personalities as faculty, is involved in providing quality education to undergraduate (UG).

LABORATORY FACILITIES

Department as a broad based UG curriculum & the syllabus of the courses are continuously updated and the laboratories modernized to reflect the rapid changes in technology. The department is equipped with the latest experimental and computational facilities meet the curriculum. The total expenditure on Instruments, Equipment's and Computers is Rs.52 Lakhs. The major laboratories in the department are Electronics, Microcontroller, Machines, Control system, Measurement, Power system simulation & High voltage & relay.

DEPARTMENTAL LIBRARY

We have department library with 1556 books with 424 titles. Every year books are added to the library from the forum. Every semester two books are issued to students. Electrical and Electronics Engineering books available in the Central Library with 8685 with 1426 titles.

MAJOR EQUIPMENT'S AND SOFTWARE

Department has many major equipment's. Major equipment's are Digital trainer kits, Power Electronics Modules, 8051 Flash Programmable Microcontroller, Evaluation Board (MCB 51) with interfacing modules, DC and AC Machines sets, Transformers, Electrolytic Tank, Auto-Transformers, Servo Stabilizer, Air-Cooled Rectifier Unit, Phase-Shifting Transformer, HV Testing Transformer, 5-Stage Impulse Voltage Generator, Continuously Variable Auto- Transformer, 60kV HV Testing Transformer, Digital Storage Oscilloscope, HV Rectifier Unit, Computers, UPS, 200kVA diesel generator. Department has Mi-Power software Packages with 6 user, Microcontroller-Keiluvision#3(C51), Lab view with 10 Users, PSPICE Student Version.

FDP/WORKSHOP ATTENDED:

- Dr M S Nagaraj, Program coordinator, has participated in the one week Online Faculty Development Program on "**AI Applications to Power Systems",** organized by Department of Electrical & Electronics Engineering, Siddaganga Institute of Technology, Tumakuru, held on 17th -22nd Jan 22.

- Mr. Prashanthkumar H K, Asst. Professor has participated AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "**Industrial Internet of Things using LabVIEW**" at KLE Dr. M.S. Sheshgiri College of Engineering & Technology, Belagavi, held from 3rd - 7th January 2022.

- Mrs. Vijayalakshmi .S.Hallikeri Asst. Professor has participated in the Two days Online workshop on "**National Cyber Safety and Security Standards**" in Association with National Cyber Defense research center", organized by Bapuji institute of engineering and Technology, Davangere held on 6th-7th January 2022.

- Mrs. Vijayalakshmi .S.Hallikeri Asst Professor has participated in the AICTE-ISTE approved orientation/Refresher programme on "**Real Time aspects of automation in industry-Need of the hour**" organized by G.Pulla Reddy Engineering College, Kurnool, Andhra Pradesh held during 3rd- 8th January 2022.

- Mrs. Sowmya Anand Asst. Professor has participated in the Two days Online workshop on "**National Cyber Safety and Security Standards"** in Association with National Cyber Defence research center", organized by Bapuji Institute of Engineering and Technology, Davangere, held on 6th-7th January 2022.

- Mrs. Ashwini A R Asst. Professor has participated in the Two days Online workshop on "**National Cyber Safety and Security Standards"** in Association with National Cyber Defence research center", organized by Bapuji Institute of Engineering and Technology, Davangere, held on 6th-7th January 2022.

- Mrs. Vijayalakshmi .S.Hallikeri Asst Professor has successfully completed the AICTE ISTE approved Orientation / Refreshers programme on **"Electronic Assistive device"** organized by Bapuji Institute of Engineering and Technology,Davangere,Karnayaka held from 7th -13th January 2022

- Mrs. Sowmya Anand Asst. Professor has successfully completed the AICTE ISTE approved Orientation/Refreshers programme on "**Electronic Assistive device**" organized by Bapuji Institute of Engineering and Technology, Davangere, Karnataka held from 7th -13th January 2022.

- Mrs. Vijayalakshmi .S.Hallikeri Asst Professor has participated in the Webinar **"Machine Learning Models for COVID-19 Diagnosis"** organized by IEEE Mysore Subsection held on 19th January 2022.

- Dr. Nagaraj M.S, HOD has participated in the one week Online Faculty Development Program on **"AI Applications to Power Systems" organized** by Department of Electrical & Electronics Engineering, Siddaganga Institute of Technology, and Tumakuru, held from 17th - 22nd January 2022.

- Dr. Anjeneya L H Associate. Professor has participated in the one week Online Faculty Development Program on "**AI Applications to Power Systems",** organized by Department of Electrical & Electronics Engineering, Siddaganga Institute of Technology, Tumakuru, held on 17th -22nd Jan 22.

- Mr. Basavarajappa S R Asst. Professor has participated in the one week Online Faculty Development Program on "**AI Applications to Power Systems**" organized by Department of Electrical & Electronics Engineering, Siddaganga Institute of Technology, Tumakuru held from 17th – 22nd Jan 2022.

- Mrs. Sowmya Anand Asst. Professor has participated in the one week Online Faculty Development Program on "**AI Applications to Power Systems**" organized by Department of Electrical & Electronics Engineering, Siddaganga Institute of Technology, Tumakuru17th- 22th January 2022.

- Mr. Prashanth Kumar H K, Asst. Professor has participated in the one week Online Faculty Development Program on **"AI Applications to Power Systems",** organized by Department of Electrical & Electronics Engineering, Siddaganga Institute of Technology, and Tumakuru, held on 17th -22nd Jan 2022.

- Mrs. Ashwini A R, Asst. Professor has participated in the one week Online Faculty Development Program on "**AI Applications to Power Systems**" organized by Department of Electrical & Electronics Engineering, Siddaganga Institute of Technology, Tumakuru held on 17th – 22nd Jan 22.

- Mrs. Ashwini A R Asst. Professor has successfully participated in IP Awareness/Training program under **"National Intellectual Property Awareness Mission"** held on 28th January 2022.

- Ms. Priyanka S M Asst. Professor has participated in IP Awareness/Training program under "**National Intellectual Property Awareness Mission"** on 28th January, 2022.

- Ms. Priyanka S M Asst. Professor has participated in a Master Class on **"Advanced and Intelligent Transformer maintenance Techniques"** was organized by Tata power Delhi Distribution Limited, New Delhi on 24th-25th, February 2022.

- Mr. Basavarajappa S R Asst. Professor has participated in the Webinar **"5G Technology- An Overview"** organized by IEEE Information Theory Society (ITS) Bangalore Chapter on 5th March 2022.

- Mrs. Vijayalakshmi .S.Hallikeri Asst Professor has participated One-week National Level Faculty Development Program on **"Renewable Energy for Sustainable Development"** held from 1st - 5th March 2022.

- Mr. Basavarajappa S R Asst. Professor of has successfully completed an online Short Term Training Program on Recent Trends in **"Electric Vehicle Technology"** (RTEVT-2022) held from 15th - 17th March 2022.

- Mr. Prashanth Kumar H K Asst. Professor has participated in tech talk on **"Innovate for India"** organized by department of Information Science and Engineering in association with NAIN(New Age Innovation Network) on 20th March 2022.

- Mrs. Ashwini A R Asst. Professor has participated in One Week Faculty Development Program on "**Embarking on Open Source Software in an Engineering & Research Journey** "organized by Department of Electronics & Communication Engineering, Research center in association with FOSS Group, Visvesvaraya Technological University, and Belagavi, held from 19th-24th April 2022. Mrs. Priyanka S M Asst. Professor has participated in one week Online Faculty Development Program on "**Open Source Software in an Engineering & Research Journey**" organized by Department of Electronics & Communication Engineering, Research center in association with FOSS Group, Visvesvaraya Technology University, Belagavi, held from 19th - 24th April 2022.

- Mrs. Vijayalakshmi .S.Hallikeri Asst Professor has participated in the Five days online FDP Programme on **"Future Trends & Advances in Electrical Science"** conducted by Department of Electrical and Electronics Engineering, SJBIT, Bengaluru, held from 4th-8th April 2022.

- Mrs. Vijayalakshmi .S.Hallikeri Asst Professor has participated in One Week Faculty Development Program on "**Embarking on Open Source Software in an Engineering & Research Journey**" organized by Department of Electronics & Communication Engineering, Research center in association with FOSS Group, Visvesvaraya Technological University, Belagavi held from 19th- 24th April 2022.

- Ms. Sowmya Anand Asst. Professor has participated in tech talk on **"Innovate for India"** organized by department of Information Science and Engineering in association with NAIN(New Age Innovation Network) on 20th May 2022.

- Mrs. Sindhu.S Asst. Professor has participated in tech talk on **"Innovate for India"** organized by department of Information Science and Engineering in association with NAIN(New Age Innovation Network) on 20th May 2022.

- Mr. Prashanthkumar H K Asst. Professor has participated in the webinar on **"Innovations in Renewable Energy Resources"** conducted by the Department of Electrical & Electronics Engineering, PES Institute of Technology and Management, Shivamogga ,held on 23rd May 2022

- Mrs. Vijayalakshmi .S.Hallikeri Asst. Professor has participated in "**Web Development workshop"** organized by IEEE Student Branch KLS GIT held from 27th -29th May 2022.

- Mrs. Ashwini A R Asst. Professor has participated and successfully completed the 5-day online FDP on the theme **"Inculcating Universal Human Values in Technical Education"** organized by All India Council for Technical Education (AICTE) held from 6th - 10th June 2022.

- Mrs. Priyanka S M Asst. Professor has participated and successfully completed the 5 day online FDP on the theme **"Inculcating Universal Human Valves in Technical Education"** organized by All India Council for Technical Education (AICTE) held from 6th- 10th June 2022.

- Mrs. Sowmya Anand Asst. Professor has participated in the workshop **"Embedded Systems - An Application Driven Approach"** organized by the All India Council for Technical Education (AICTE), ATAL Academy, STMicroelectronics and Arm Education, held from 25th - 27th August 2022.

- Mrs. Sowmya Anand Asst. Professor has participated in the workshop **"Embedded Systems - An Application Driven Approach"** organized by the All India Council for Technical Education (AICTE), ATAL Academy, STMicroelectronics and Arm Education, held from 25th - 27th August 2022.

- Mr T.S.Karibasavaraju, Asst. Professor has participated and presented a paper on "**Smart waste management using IOT"** National conference on development in the domine of engineering science", organized by electrical and electronics engineering association in collaboration with the Institute of engineers at Sri Siddhartha Institute Of Technology held on 10th-11th June 2022.

EVENTS ORGANIZED IN DEPARTMENT

✦ Electrical forum organized Two days hands on workshop on "**IoT & its Prototypes**" from 13th & 14th January 2022.

✦ Electrical forum Organized Vidyuth-22 an inter branch fest on 6th June 2022 and following events are conducted.

✦ Tug of War
✦ Think link Sync
✦ Food for You
✦ Golden Time
✦ Beg Borrow and Steal

TECHNICAL TALK BY INVITED GUEST/EXPERTS

✦ Electrical forum Organized Technical Talk on topic "Indian Power Scenario" by Sri Umesh D H ,Executive Engineer, TQ&AC,BESCOM , Chitradurga on 23rd April 2022.

Glimpses of the Event **"Technical Talk"**

Electrical Forum   organized VIDYUTH-2K22   on 6th June 2022.

STUDENTS ACTIVITIES

- Manoj.J.M, Karibasavaraja .M.H, KarthikM.M, AryanSingh,Shashank.Y.S of 6th semester students and Sathvik.M, Vishwas, Karthik of 8th semester students has participated in Bapuji Premier League and secured FIRST prize in Cricket organized by department of Computer science engineering ,BIET Davangere held on 18th January 2022.

- Manoj.J.M, Karibasavaraja .M.H, Karthik M.M, Aryan Singh , Shashank.Y.S of 6th semester students and Sathvik.M Vishwas , Karthik of 8th semester students has participated in Royal Premier League and secured FIRST prize in cricket organized by Mechanical engineering department BIET Davangere held on 30th May

- Manoj.J.M, Halesh.J, Vinayaka.M.R, Sagar.G.G, Sharan.K.S, of 6th semester students and Jayanth of 4th semester student has participated in Pro-Kabbadi, secured SECOND prize organized by Electronics and Instrumentation department BIET Davangere held on 10th June 2022.

- Suraj R K of 4th semester student has been awarded as Jyotishya Ratna for pursuing Vedic Honorary Doctorate at Gold Tree Astro Bangalore May 2022.

- Chandan B R of 6th semester student has participated in ATC Camp, Toranagallu at Bellary held on 11th June 2022.

- Anusha M, Girish C, Chandan B R Deepika P of 6th semester students has participated in Paper presentation organized by Electrical and Electronics department, SSIT Tumkur held on 10th June 2022.

- Meghana B R of 6th semester student has participated in the event Text creative "Waste to wealth Designing" organized by Textile department, BIET Davangere held on 25th June 2022.

- Anjali P S of 6th semester student has participated in the event Text creative "Waste to wealth Designing" organized by Textile department, BIET Davangere held on 25th June 2022.

- Kavya Mudigoudar of 6th semester student has participated in Creative writing in Kannada at Namma Davana -2022 at BIET Davanagere held on 25th June 2022.

- Kavya Mudigoudar of 6th semester student has participated in Eassy writing in Kannada at Namma Davana -2022 at BIET Davanagere held on 25th June 2022.

- Manoj.J.M of 6th semester student has participated in Namma Davana 2022 sports meet, secured **SECOND prize** in **100mts athletics** at BIET Davangere held on 23rd June 2022.

- Manoj.J.M of 6th semester student has participated in Namma Davana 2022 sports meet, secured **THIRD prize** in **200mts athletics** at BIET Davangere held on 24th June 2022.

- Manoj.J.M of 6th semester student has participated in Namma Davana 2022 sports meet, secured **FIRST prize in DISCUSS THROW** athletics at BIET Davangere held on 25th June 2022.

- Manoj.J.M of 6th semester student has participated in 23rd VTU Inter Collegate -Athletic Meet at BGS stadium SJCIT CHIKABALAPURA held from 27th -30th   June 2022.

Glimpses of the Event- Cricket Bapuji Premier League

Glimpses of the Event- Cricket Royal Premie League

Glimpses of the Event- Pro-Kabbadi

➕ Mrs. Sowmya Anand Asst. Professor f Successfully presented the paper entitled **"SIMULATION OF SINGLE PHASE NEW MULTILEVEL CONVERTER TOPOLOGY FOR VSC BASED HVDC GRID CONNECTED OFFSHORE WIND POWER PLANT"** at the International Conference on Applied Intelligence and Computing (ICAAIC – 2022) organized by Narasu's Sarathy Institute of Technology, Salem, Tamil Nadu, India held on 9th - 11th , May 2022.

PLACEMENT DETIALS

Sl.No	Name Of The Student	Company Placed
1	POORNIMA B GHONGADI	Capgemini/E&Y
2	SUMAN GOWDA G M	Capgemini/Wipro Elite
3	JANNATH BI KHANUM	E&Y/Technook/ Wipro Elite/ Qspiders
4	NISHA S	Herin Electronics/ Cap Gemini
5	HARSHA PAWAR R	Kirioskar Ferrous
6	MANJUNATHASWAMY D L	Middleby
7	VAGEESH B M	Pentagon Space
8	AMOOLYA.P.M	Qspiders
9	HARISH A	Qspiders
10	SANDEEPA MANJAPPA HIREMANI	Qspiders
11	VIDYA T	Qspiders
12	KRUTHIKA C	Qspiders /Pentagon Space
13	SHUBHA G D	Quest Global
14	ABHIGHNA S	Quest Glob/Sonata software
15	EASHWAR D KAMIN	Elite
16	NOOR SUHIL	Sonata software
17	SUNANDINI R GHALE	Tayana software/ Wipro Elite
18	RANJITHA R	Wipro Elite
19	REKHA.S.R	Wipro Elite
20	SARFARAZ NAIK	Wipro Elite
21	SATHVIK S M	Wipro Elite
22	SAMIKSHA M VERNEKAR	Wipro Elite
23	SOMESH S GUTTIGOLI	Wipro Elite
24	PAVAN GOWDA G B	Capgemini/Wipro Elite

25	CHANDANA D C	Wipro
26	M BHARGAVI	Wipro
27	PRAJAWAL R C	Wipro
28	LOHITH KUMAR MN	Wipro
29	CHAITRA S R	Zensari / E&Y
30	GIRISH.C	TCS NINJA
31	SANIYA NADAF	TCS NINJA
32	PAVAN K.S	TCS NINJA
33	PRAJWAL.S	TCS NINJA
34	MEGHANA.D.U	TCS NINJA

Editorial Committee

Chief Editor: *Staff Editor:*

Dr. M S NAGARAJ   **SOWMYA ANAND**

Prof & HOD   Asst. Professor

Student Editors

GIRISH.C